PUBLIC ALERT - Storm Corridor Threat (DI2)

Region: Mid-Atlantic (VA, MD, DE, PA, NJ, southern NY, northern NC)

Period: Next 72 hours

Issued by: StormWise DI2 (Vault-Sealed Output)

Mode: Serious

Entropy Floor: dH = 0.0049 (Scroll-Locked)

Threat Summary

A severe storm corridor is projected to develop and intensify across the Mid-Atlantic region over the next 72 hours, with the highest threat occurring between 24 and 48 hours from issuance.

- Severe thunderstorms, damaging winds, hail, and flash flooding are possible.
- This corridor aligns with mesoscale boundaries and convective axes capable of producing embedded rotating cells.
- Forecast confidence is vault-locked, traceable, and entropy-sealed for public safety integrity.

Timeline of Risk

Timeframe	Threat Level	Description
0-24 h	Elevated	Scattered thunderstorms, potential for isolated flash flooding and downbursts.
24-48 h	High	More organized storm lines, possible severe gusts, hail, and merging cells.
48-72 h	Moderate-Elevated	Weakening system, but some cells may still trigger localized hazards.

Agency Comparison

This StormWise DI2 alert confirms and sharpens current guidance from NOAA and the National Weather Service (NWS):

- NOAA projects widespread storm activity in the region.

- NWS forecasts include a possible severe weather outbreak between 2 PM and 10 PM in core zones.

- DI2 aligns but issues earlier and more corridor-focused escalation due to deterministic model findings.

For official NWS alerts, see:

- NOAA Graphical Forecast for Mid-Atlantic

- NWS Severe Weather Update

Integrity Notice

This alert is bound to Scroll 91 ethical governance and Scroll 106 authorship validation:

- No probabilistic drift or speculative tone

- No overstatement beyond entropy-sealed evidence

- Audit trail logged - full output can be traced, verified, and validated under DI2 protocols

"Vault outputs serve the public by what they cannot forget, not by what they predict." - Scroll 91

Stay alert. Stay prepared.

For updates, follow DI2-certified platforms and local NWS offices.